

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 3339.03US01

Osanai et al.

Confirmation No.: 7450

Application No.: 09/848,140

Examiner: Tuan T. Dinh

Filed: May 3, 2001

Group Art Unit: 2827

For: METAL-CERAMIC CIRCUIT BOARD AND MANUFACTURING METHOD
THEREOFSUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, and in addition to information disclosed in Applicants' Information Disclosure Statement filed May 3, 2001, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Action or Notice of Allowance.

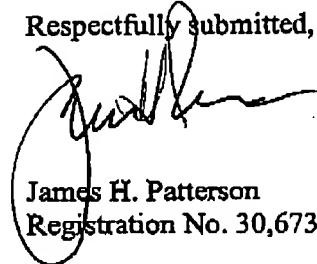
The Commissioner is authorized to charge to Deposit Account No. 16-0631 the \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

Application No. 09/848,140

The Examiner's attention is directed to co-pending Divisional U.S. Patent Application No. 10/242,022, filed September 12, 2002, which is directed to related subject matter. The identification of this U.S. patent application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

Copies of references were cited by or submitted to the Office in Patent Application No. 10/242,022, filed September 12, 2002. Thus, copies of these references are not attached. 37 C.F.R. § 1.98(d).

Respectfully submitted,



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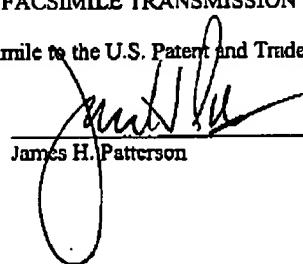
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I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 703-872-9306 on the date shown below.

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James H. Patterson

<p style="text-align: center;">Substitute for form 1449/PTO</p> <p style="text-align: center;">SUPPLEMENTAL INFORMATION</p> <p style="text-align: center;">DISCLOSURE STATEMENT</p> <p style="text-align: center;">BY APPLICANT</p> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	09/848,140
				Filing Date	May 3, 2001
				First Named Inventor	Osanai et al.
				Art Unit	2827
				Examiner Name	Tuan T. Dinh
Sheet	1	of	1	Attorney Docket Number	3339.03US01
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code ³ (if known)			
		US-4,762,553	08/09/1988	Savage et al.	
		US-5,767,576	06/16/1998	Kobayashi et al.	
		US-4,906,812	03/06/1990	Nied et al.	
		US-4,592,781	06/03/1986	Cheney et al.	
		US-4,962,291	10/09/1990	Fujita et al.	
		US-3,852,877	12/10/1974	Ahn et al.	
US-					
FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)			
EXAMINER SIGNATURE		DATE CONSIDERED			
<small>¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>					
<small>²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.0d. ⁴Enter Office that issued the document by the two-letter code (WIPO Standard ST.1). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.</small>					
<small>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small>					